



## Hytera PNC380S

### Push-to-Talk Over Cellular (PoC) Device

- Nationwide coverage with Wi-Fi and 3G/4G/LTE networks
- AT&T Network Approved Device
- Supports dispatching, group calling, and location tracking
- Voice, Video, and Text communications
- Compact and rugged devices that are easy to use
- Car Kit available for safe use in vehicles.

### Nationwide Group Communications Solution

The PNC380S is part of the Hytera HALO Nationwide Group Communications Solution that enables Push-to-Talk over Cellular using Wi-Fi and the existing 3G/4G/LTE infrastructure of Mobile Network Operators. Hytera HALO Dispatch is a powerful web-based application, and the interface for efficient group communications and location tracking.



The Hytera PNC380S PoC device is a compact, rugged, and easy-to-operate handheld radio that utilizes nationwide cellular networks for high bandwidth and unlimited coverage. The PNC380S is designed for remote workers who require reliable group communications in the vehicle and on the job site. It is built based on AT&T certified module, and can be quickly deployed without the infrastructure costs of traditional radio systems.



## PNC380S Key Features

### **AT&T NETWORK READY NATIONWIDE COVERAGE**

- Fully approved and tested on the leading US carrier for reliable nationwide connectivity
- AT&T approved Network Ready with mobile 3G/4G/LTE connectivity

### **INSTANT GROUP AND INDIVIDUAL CALLING**

- The PNC380s Push-to-Talk button initiates instant half-duplex group calling or full duplex individual calling
- Supports instant group calling from the HALO Dispatch web-based communications and location tracking application

### **HIGH-DEFINITION LIVE VIDEO**

- Equipped with an 8 megapixel rear camera, the PNC380S enables real-time video streaming to dispatch
- Video communications improves situational awareness, and facilitates problem solving and decision making

### **BUILT-IN WI-FI**

- Built-in Wi-Fi supports in-building communications with seamless switching to LTE networks when outside Wi-Fi range

### **GPS POSITIONING**

- GPS enables real-time tracking and positioning for the Hytera HALO Dispatch application

### **HIGH-QUALITY AUDIO**

- Digital noise suppression and high-volume speakers for excellent voice quality in loud environments
- Provides high-quality digital audio performance for individual calls, group calls, and emergency calls

### **ERGONOMIC DESIGN**

- Compact and ergonomic design with easy-access buttons enables comfortable one-hand operation
- Reversible belt clip for carrying with screen facing in or out

### **BUILT-IN BLUETOOTH**

- Built-in Bluetooth enables connectivity to earpieces, Push-to-Talk rings, and other wireless accessories

### **TFT LCD DISPLAY**

- TFT LCD display provides high-resolution visibility even in bright daylight
- Supports an easy-to-use GUI menu system with clean and simple navigation

### **RELIABLE AND DURABLE**

- IP67 rated for full protection from dust and water-proof up to 1 meter for 30 minutes.
- Compliant with MIL-STD-810-G for 1.5 meter drop

### **LONG-LIFE BATTERY**

- Powerful Li-Ion 4,000mAh battery delivers up to 24 hours of operation

### **CAR KIT**

- Dash-mount car kit available for safe in-vehicle calling
- Features optional external speaker, palm microphone, visor microphone and remote Bluetooth Push-to-Talk

### **LED FLASHLIGHT**

- Bright LED illumination at the touch of a button

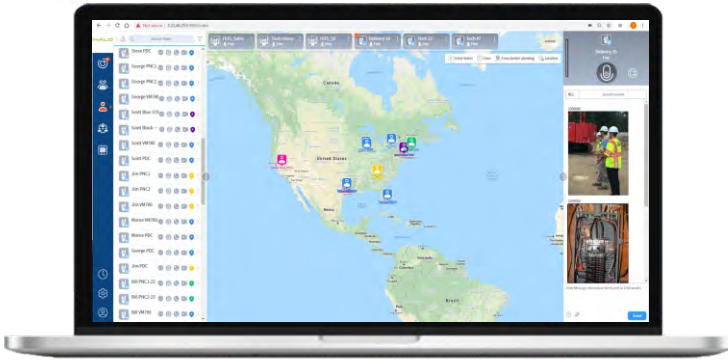
### **TEXT MESSAGING**

- Send, receive, and view text messages between dispatcher and other Hytera PoC devices

### **SAFETY FEATURES**

- One-touch Emergency button enables emergency calls to dispatcher and sending alarms to other radios
- Dispatcher can remotely stun (disable) or revive (return to service) if the radio is lost or stolen





The PNC380S and other Hytera PoC devices and bodycams are part of the Hytera HALO Nationwide PoC Communications Solution and Hytera HALO OnSite Push-to-Talk over Wi-Fi solution that include a powerful web-based dispatch application.

Hytera HALO Dispatch supports instant group calling as well as individual calling for the most flexible calling available. Dynamic groups can be quickly created with a simple list selection or geographically by selecting an area on the dispatch map. Hytera HALO Dispatch leverages the GPS built into the PNC380S for tracking of driver locations and travel routes with time stamps. The dispatcher may stun (turn off) and reactivate a radio, perform Lone Worker monitoring, receive emergency calls, and access full call recording, logging, and playback.

## Target Applications

Nearly all business sectors can use PoC radios. The PNC380s is designed for remote workers who require reliable group communications in the vehicle and on the job site. The fastest growing sector is service companies with small and medium-sized fleets:

- Security Companies
- Property Management
- Plumbers and Electricians
- Construction and Building Materials
- Landscaping and Tree Trimming
- Exterminators
- Cleaning and Maintenance
- Auto Parts and Tools
- Event Production and Catering
- TV and Film Production
- Tow Truck Companies
- Industrial Supply and Uniform
- Food Services and Delivery
- Waste Collection
- Technology Services



## Standard Accessories

### INCLUDED WITH THE PNC380s



R003  
Nylon Hand Strap



PS2023  
Power Adapter with MicroUSB Cable  
Input: 100-240VAC, Output: 5VDC/2A



BC50  
Belt Clip



BP4006  
4000mAh Li-Ion Polymer Battery

## Optional Accessories



C-Style 3.5mm Wired Earpiece



BT Earpiece



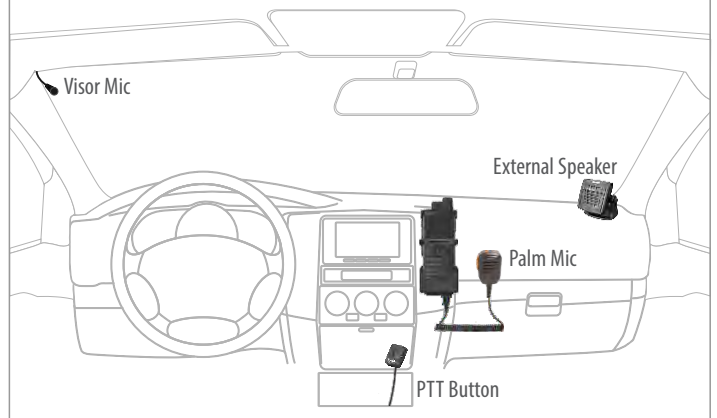
BT Ring PTT



CK10 CARKIT

The CK10 CARKIT is a rugged bracket assembly that enables the PNC380S to be installed on a vehicle dashboard. The CARKIT provides safe and legal mobile operation, and can be easily removed for handheld job-site communications. The CARKIT includes a locking bracket to ensure drivers who work inside the vehicle use the radio as a dash-mount mobile radio and not a handheld device. The CARKIT has an on/off button for power, and ports for external speakers, microphones, and push-to-talk buttons. The CARKIT also functions as a docking charger for the PNC380S.

### WIRED ACCESSORIES FOR THE CK10 CARKIT



# Specifications

Network Standards	
LTE	FDD:B2/B4/B5/B7/B12/B13/B25/B26
WCDMA	B1/B2/B4/B5/B8
GSM	850/1900 MHz
WLAN	2.4GHz and 5GHz, 802.11 b/g/n
Bluetooth	BT 4.2
Positioning System	GPS/A-GPS

General Specifications	
Dimensions (H x W x D)	5 27/32" x 2 3/8" x 1 1/8" (148 x 60 x 28mm)
Weight (with battery)	208g (with battery)
Memory	RAM: 1GB ROM: 8GB
	Extended: Micro SD/TF card, up to 32GB
SIM Card	Nano SIM 12.3mm x 8.8mm
Display	2.0" 320x240
	TFT/Non-touch
Ports	Micro USB 2.0
	3.5mm Audio Jack
	Dock Charger Interface
	CARKIT Connection Interface
Video and Images	Video: 480p @ 30fps for streaming, 720p @ 30fps for recording
	Images: 8MP
Operating Voltage	3.85V (Rated)
Battery	4000mAh (Li-ion)
Battery Life	≥24h (5-5-90 working cycle)

All specifications are subject to change without notice due to continuous development.

Transceiver	
Audio Power Output	1W (Rated) (Max: 2W)
Mic	Mic with Digital noise suppression

Environmental	
Dust and Water Proof	IP67 Standard
Shock & Vibration	MIL-STD-810 G Standard
Drop Resistance	1.2m
ESD	IEC 61000-4-2
	±8 kV (Contact) ±12 kV (Air)
Operation Temperature	-4°F to +140°F (-20°C to +60°C)
Storage Temperature	-22°F to +158°F (-30°C to +70°C)

## Ordering Information

Part Number	Description
PNC380S	AT&T approved Push-to-Talk over Cellular Device